

AMENDMENTS TO THE CLAIMS:

The following listing of claims replaces all prior listings, and all prior versions, of claims in the application.

LISTING OF CLAIMS:

1. (Original) A sheet-like chemical cell comprising an electrolyte membrane, a plurality of anode plates which oxidizes a fuel gas on one surface of said electrolyte membrane, and a plurality of cathode plates which reduces oxygen gas on the other surface of said electrolyte membrane with said anode and cathode plates opposed each other in pairs with the membrane therebetween.

2. (Original) The sheet-like chemical cell of claim 1, wherein said chemical cell further comprises slots each of which is provided between every two adjoining electrode plates on said electrolyte membrane and wiring members which electrically connect said adjoining anode and cathode plates in series through each of the slots.

3. (Original) The sheet-like chemical cell of claim 1, wherein said chemical cell further comprises slots each of which is provided between every two adjoining electrode plates on said electrolyte membrane, an anode wiring plastic sheet on which anode wirings are formed respectively in contact with said anode plates, a cathode wiring plastic sheet on which cathode wirings are formed respectively in contact with said cathode plates, and said adjoining anode and cathode plates are electrically connected in series with said wiring sheets through the slots.

4. (Original) The sheet-like chemical cell of claim 1, wherein said anode and cathode plates are porous membranes prepared by a slurry containing catalyst-carrying carbon powder, electrolyte, and solvent.

5. (Original) The sheet-like chemical cell of claim 4, wherein the catalyst of said anode plate is made of a Pt-Ru alloy or an alloy including Pt-Ru as the main ingredient and the catalyst of said cathode plate is made of a Pt alloy or an alloy including Pt as the main ingredient.

6. – 8. (Cancelled).

9. (Original) A fuel cell assembly having the sheet-like chemical cell of claim 1 on either or both of the surfaces of a fuel supply section including a porous material which diffuses liquid fuel by the capillary action with said anode plate in contact with said fuel supply section.

10. (Original) A fuel cell assembly having a plurality of unit cells formed on a single electrolyte membrane.

11. (Original) The fuel cell assembly of claim 10, wherein the anode side of said unit cell is placed to be in contact with either or both of the surfaces of a fuel supply section including a porous material which diffuses liquid fuel by the capillary action.

12. and 13. (Cancelled).